



**K.S.INSTITUTE OF TECHNOLOGY, BANGALORE**  
**DEPARTMENT OF ELECTRONICS AND**  
**COMMUNICATION ENGINEERING**

**PARTICIPATION IN INTER-INSTITUTE EVENTS BY STUDENTS OF**  
**THE PROGRAM OF STUDY**

**CAYm1 (2018-19)**

<b>A. Events within the state</b>	<b>B. Events outside the state</b>	<b>C. Prizes/awards received in such events</b>
3	37	01

**Event attended details of students for the year 2018-2019**

<b>Sl.No.</b>	<b>Name of the Student</b>	<b>Event details</b>	<b>Organized by</b>	<b>Date</b>	<b>Award/Participated</b>
1	Divya M	IEEE Project EXPO-2019	GSSSET, Mysuru	29 <sup>th</sup> Apr 2019	Participated
	Disha S				
2	S.Shwetha	Skill Development programme on Machine Learning	Tequed Labs	18th -23rd January 2019	Best Intern Award

**Publication details of students for the year 2018-2019**

<b>SL No</b>	<b>Name of the Students</b>	<b>Title of paper</b>	<b>Publication details</b>	<b>Date</b>
1	Pragathi Madhyastha	Survey on Research Challenges and Applications of Unmanned Marine Robot	International Journal of Creative Research Thoughts, Volume 7, Issue 1 March 2019, ISSN: 2320-2882	Mar-19
	Rashmi Srinivasan			
	Sanjana S			
	Santhosh K			
2	Suvijith S	IOT Based Camouflage Robot	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 3 March 2019, ISSN : 2349-5162	Mar-19
	Skanda H N			
	Smitha S Karanth			
	Swathi K S			
3	Sannidhi R Shetty	Hand Gesture Recognition and Voice Conversion Systems For Physically Impaired People	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4 April 2019, ISSN : 2349-5162	Apr-19
	Shankar Ram			
	Shreyaswini C K			
	Shwetha Shree C			
4	Meghana K V	A Survey of Automatic and Manual Floor Cleaning Robot	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Harshitha V			
	Mahima Padmanabha			
	Nagesh N Dikshit			
5	Kavya M	Advanced Driver Scrutiny System	International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653	Apr-19
	CHAITRA B			
	Megha V			
	Alaka			
6	M Sanjay Karanth	Smart Ambulance with Patient Monitoring System-A Survey	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Bindukumar K T			
	Gururaj Reddy			
	Manoj K			
7	Pragnya N	Smart Guide at Museum	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Pruthvi K Narayan			
	Girish Kumar			
	Pavithra P			
8	Pavithra S P	A Survey on Raspberry PI Based Reader and Smart Assistance For Visually Impaired People	International Journal of Current Research Thoughts, Volume 11, Issue 04, April 2019, ISSN: 0975-833X	Apr-19
	Pooja B			
	Kavya V			
	Ashwini A			
9	Mayanka Gupta	Recent Trends in Automotive Industry	International Journal for Research in Applied Science	Apr-19
	Anusha A Murthy			

	Kavya N		& Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653	
	Chandana G			
10	Sanjana P Nadig	Smart GreenHouse Monitoring System	Journal of Emerging Technologies and Innovative Research, Volume 4, Issue 6, April 2019, ISSN : 2349-5162	Apr-19
	Rakshitha M S			
	Sujan G			
	Yathish S J			
11	Pooja M	Survey on Various Methodologies used for Conservation of Forest Trees	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Rakshitha S			
	Sanajana S Maney			
	Shashi O			
12	Bhamini	A Survey on Robotic applications in Surveillance and Rescue Aid	International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653	Apr-19
	Harshith R			
	Muneeb			
	Nagabhushana Nhat			
13	Arpitha N V	CERES- An Autonomous and Versatile Agriculture Robot	International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653	Apr-19
	Abhishek S			
	Akshaya Ram			
	Chethan N Shetty			
14	Alekhya R	Smart Cargo Monitoring and Security System	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Archana K N			
	Deepashree R			
	Nanda S			
15	Arjun M Krishna	Food Monitoring and Control System using IOT	International Journal for Research in Applied Science & Engineering Technology, Volume 7, Issue IV, April 2019, ISSN : 2321-9653	Apr-19
	Dhruthi Sridhar			
	Harshitha Ramesh			
	Mukul Venkatesh			
16	Bhumika R	Automated Shopping Trolley for Billing System	International Journal of Advance Research, Ideas and Innovaions in Technology, Volume 5, Issue 2, 2019 ISSN : 2454-132X	Apr-19
	Harshitha G			
	Chandana K			
	Meghashree R T			
17	Kishore Bhat U	Watchdog For ATM	Journal of Applied Science and Computations, Volume VI, Issue 4, April 2019 ISSSN : 1076-5131	Apr-19
	Anurag Reddy			
	Ankita A			
	Harsha N			
18	Pallavi T K	A Survey on Electronic Valve with Quantitative Control and To Avoid Reserve Flow of Blood	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4, April 2019, ISSN : 2349-5162	Apr-19
	Ramya H N			
	Roopa N			
19	Pragna B R	Forest Monitoring	Journal of Emerging	Apr-19

	Poojary Praveen Mahabala		Technologies and Innovative Research, Volume 9, Issue, April 2019, ISSN : 2349-5162	
	Punith N			
	Sai Pranav			
20	Suvijith S	IOT Based Camouflage Army Robot	Journal of Applied Science and Computations, Volume VI, Issue 4, April 2019 ISSSN : 1076-5131	Apr-19
	Skanda H N			
	Smitha S Karanth			
	Swathi K S			
21	Pragna B R	Ecology Monitoring	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4 April 2019, ISSN : 2349-5162	Apr-19
	Poojary Praveen Mahabala			
	Punith N			
	Sai Pranav			
22	Pavan S Patil	Survey on Object Recognition Techniques Using Machine Learning	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 4 April 2019, ISSN : 2349-5162	Apr-19
	Santhosh Kumar V			
	Udaykumar			
	Vishwas K K			
23	Alekhya R	Smart Electronic Security System For Cargo Containers	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Archana K N			
	Deepashree R			
	Nanda S			
24	Meghana K V	Automatic and Manual Floor Cleaning Robot	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Harshitha V			
	Mahima Padmanabha			
	Nagesh N Dikshit			
25	M Sanjay Karanth	Smart Ambulance with Patient Monitoring System	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Bindukumar K T			
	Gururaj Reddy			
	Manoj K			
26	Girish H S	Smart Voting System	International Research Journal of Engineering and Technology, Volume 6, Issue 5, May 2019,e- ISSN : 2395-0056, p-ISSN : 2395-0072	May-19
	Gowtham R			
	Harsha K N			
	Manjunatha B			
27	Uday Chwdhary	RFID Based Prepaid Energy Meter	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	K Rohini			
	K Vinod Kumar			
	M Sri Sai Charitha			
28	Harish Reddy	Hybrid Power Generation	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5,	May-19
	Yathendra Kumar			
	Madhuchandan			

	Monisha S		May 2019, ISSN : 2349-5162	
29	Sameer Srivatsa	A Survey of Various Vehicle Detection Methodologies	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Sangam Swadi			
	Subramanya G U			
	Sushanth Korennavar			
30	Pragathi Madhyastha	Solar Powered Unmanned Marine Robot using Radar System	International Journal of Engineering Research & Technology, Volume 8, Issue 5, May 2019, ISSN : 2278-0181	May-19
	Rashmi Srinivasan			
	Sanjana S			
	Santhosh K			
31	Suhail Yousuf Bhat	Continuous Ambulatory Peritoneal Dialysis (CAPD) Assistive Device	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Thanusha S V			
	Jagdish S			
	Nallani Priya			
32	Bhamini	Biomorphic Hyper Redundant Robot For Disaster Surveillance	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Harshith R			
	Muneeb			
	Nagabhushana Nhat			
33	Shwetha S	Dustless Environment	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	P Ankitha			
	Pooja N Rao			
	Ratan Bhagat			
34	Nagateja P	A Survey on Security Device For Women and Kids Safety	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Namratha T R			
	Sumanth R			
35	Ajaya Kumar L	Different Technologies Used For Sericulture Field: A Survey	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, May 2019, ISSN : 2349-5162	May-19
	Charan Babu			
	Dhanush K A			
	Dhanraj			
36	Pooja M	Anti-Theft Alarm System For Forest Trees using WSN	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, May 2019, ISSN : 2349-5162	May-19
	Rakshitha S			
	Sanajana S Maney			
	Shashi O			
37	Pavan S Patil	Visual Object Recognition Using Tensor Flow	Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, May 2019, ISSN : 2349-5162	May-19
	Santhosh Kumar V			
	Udaykumar			
	Vishwas K K			
38	Mayanka Gupta	Artificial Intelligence Based Solar Vehicle	National Conference on Electronics and	May-19
	Anusha A Murthy			

Kavya N		Communication Engineering(NCEC-2019) at DSCE, Bangalore	
Chandana G			

### CAYm2 (2017-2018)

<b>A. Events within the state</b>	<b>B. Events outside the state</b>	<b>C. Prizes/awards received in such events</b>
08	23	02

#### Event Details of students for the year 2017-2018

<b>Sl. No.</b>	<b>Name of the Students</b>	<b>Event details</b>	<b>Organized by</b>	<b>Date</b>	<b>Award/Participated</b>
1	Nagabhshana Bhat S C	Final Round of "ISIE - Hybrid Vehicle Challenge (HVC)"	Imperial Society of Innovative Engineers (ISIEINDIA), Galgotias University, Gr. Noida & Buddh International, Gr. Noida	17th - 19th Jan 2018 & 20th - 21st Jan 2018	Participated
2	Yukesh R	Final Round of "ISIE - Hybrid Vehicle Challenge (HVC)"	Imperial Society of Innovative Engineers (ISIEINDIA), Galgotias University, Gr. Noida & Buddh International, Gr. Noida	17th - 19th Jan 2018 & 20th - 21st Jan 2018	Participated

3	Pavan B V	Final Round of "ISIE - Hybrid Vehicle Challenge (HVC)"	Imperial Society of Innovative Engineers (ISIEINDIA), Galgotias University, Gr. Noida & Buddh International, Gr. Noida	17th - 19th Jan 2018 & 20th - 21st Jan 2018	Participated
4	Pragnya N	12 WEEKS NPTEL Online Course on "Introduction to Internet of Things:"	NPTEL Online Certification	Jan - April 2018	Participated
5	Pooja M	12 WEEKS NPTEL Online Course on "Introduction to Internet of Things:"	NPTEL Online Certification	Jan - April 2018	Topper
6	Skanda H N	Mangalore Institute of Technology and Engineering, Moodabidri	Best Student Award-ISTE	6th Oct 2018	Best Student Award

**Publication details of students for the year 2017-2018**

<b>SL. No</b>	<b>Name</b>	<b>Title of paper</b>	<b>Publication details</b>	<b>Date</b>
1	Rohit K	Fuel pump dispensign system	International Journal of Latest Engineering & Management Research, Volume 03, Issue 03, March 2018, ISSN : 2455-4847	March 2018
	Jagadeesh V			
	Bose babu V M			
	Santhosh K P			
2	Raksha Ghosh	Embedded IOT based water supply distribution system for suburban area A Survey	International Journal of Latest Engineering & Management Research, Volume 03, Issue 03, March 2018, ISSN : 2455-4847	March 2018
	Ullas S			
	Pragathi R			
3	Raksha Ghosh	Power theft detection in agriculture and field protection - a literature survey	International Journal of Latest Engineering & Management Research, Volume 03, Issue 03, March 2018, ISSN : 2455-4847	March 2018
	Nischitha N			
	Navitha T			
	Jayashree Kavya V			
4	C Krishna Prasad	Real time collision avoidance and accident prevention	Perspectives in communication Embedded systems and signal processing, Vol 01, Issue 12, March 2018, ISSN : 2566-932X	March 2018
	Lavanya S			
	Manikanta S Rao			
	Nandu Rajeshwari K			
5	Ullas S	Real time accident and breakdown alerting systems A Survey	International Journal of Latest Engineering & Management Research, Volume 03, Issue 03, March 2018, ISSN : 2455-4847	March 2018
	Pragathi R			
	Mr Rohit K			
6	Chethana N Gowda	A Survey on smart city	International Journal of Creative Research	April 2018



	Aishwarya C S	application an IOT based car parking system	Thoughts , Volume 06, Issue 02, April 2018, ISSN : 2320 - 2882	
	Sruthi Boggarapu			
	Mrdulla P .Y			
7	Mohan Reddy B	High protection voice identification based bank locker security system with live image authentication -A literaure survey	International Journal of Creative Research Thoughts , Volume 06, Issue 02, April 2018, ISSN : 2320 - 2882	April 2018
	Srinivasa			
	Ramyra L.K			
	Akshaya R K			
8	Ashwini S	Body Area network(BAN) Based Smart security card system A Survey	International Journal of Recent Engineering Research and Development, Volume 03, Issue 04, April 2018, ISSN : 2455 -8761	April 2018
	Anup Ramesh Wadavi			
	M Krishna Prasad			
9	Bidhan Raj Thapa	Obstacle Avoiding Robot using Arm Controller - A Survey	International Journal of Latest Engineering & Management Research, Volume 03, Issue 04, April 2018, ISSN : 2455-4847	April 2018
	Shailja Shekhar			
	Delna Manuel			
	Vinay Kumar S			
10	Arjula Harshitha Reddy	A Survey CAN based Vehicle monitoring system	International Journal of Creative Research Thoughts , Volume 06, Issue 02, April 2018, ISSN : 2320 - 2882	April 2018
	Chethan K P			
	Harshitha M			
	Lakshantya B			

11	Jayashree Kavya V	Power theft detection in agriculture and field protection	International Journal of Creative Research Thoughts , Volume 06, Issue 02, April 2018, ISSN : 2320 - 2882	April 2018
	Sanjana K S			
	Navitha T			
	Nishchitha N			
12	Ritu P Simha	Smart Tool kit for the visually Imapiired - A Survey	International Journal of Latest Engineering & Management Research, Volume 03, Issue 04, April 2018, ISSN : 2455-4847	April 2018
	Praveen Prasanna G et al.			
	Tejas D s et al			
	Pavan B V et al			
13	Abhishek R	Smart Integrated multiple tracking system development for IOT based Target-oriented logistics vehicles location and resource service	International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780	2018
	Akshatha C R			
	Pragathi M			
	Bhrarambamba LS			
14	Ashish Kumar R	Smart Motorbike Integration using IOT	International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780	2018
	Abdul Bari			
	Harshavardhan K			
15	Aakash P S	Wireless power transfer for smart applications	International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780	2018
	Aishwarya V H			
	Akhil D R			
	Anusha R			
16	Nithin S	Development	International Journal	2018

	Spoorthy C	of Wireless USB Flash Drive Using Omega 2+	of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780	
	Priyanka J Hiremath			
	Pallavi C			
17	Akshaya R K	High protection voice identification based bank locker security system with live image authentication	International Journal of New Technologies in science and engineering, Volume 05, Issue 03, 2018, ISSN : 2349-0780	2018
	Mohan Reddy B			
	Srinivasa			
	Ramya L.K			
18	Ritu P Simha	Array Based Graphical Password	International conference on signal, Image processing communication and Automation(ICSIPCA -2017), JSS academy of technical education	6th & 7th July 2017
	Nithya S			
	Sneha P.K			
	Rabichith			
19	Sanket S Hiremath	Automatic control of road traffic using video processing	International conference of smart technologies for smart nation, Reva University	17th -19th August 2017
	Ashwin S			
	Akshay Vasist R			
20	Chirranthan C V	Digital MCB	International conference of smart technologies for smart nation, Reva University	17th -19th August 2017
	Krishna Prasad M			
	Shreyas R Y			
21	Soundarya Lokeshwari	ECO-Friendly IOT based Waste Segregation and Management	ICEECCOT-2017, GSSS Institute of Engineering & Technology Mysore	15th & 16th December 2017
	Varalakshmi N			
	Sahana D N			
	Rohit K Manjunath			
22	Raksha Ghosh	Intelligent Transportation	2nd International conference on	15th & 16th December

	Ullas S Pragathi R	systems A Survey	circuits, controls & communications, RNSIT	2017
23	Manisha Jayson Sanketh Hiremath	SmartBin- Automatic Waste Seggregation and Collection	2nd International Conference on Advances in Electronics, Computers and Communications (ICAECC 2018), Reva University	9th & 10th February 2018
24	Yashaswini S Arpitha S R Banda Tejavardhan Prasad Poojary	A Survey on applications and research challenges of catamaran cruise	4 <sup>th</sup> International conference on Recent challenges in engineering and technology (ICRCEC - 18), Pune, Maharashtra	2 <sup>nd</sup> & 3 <sup>rd</sup> April 2018
25	Yashaswini S	A Smart catamaran Cruise	International conference on Recent Trends in technology 2K18, Shri Dharmasthala Manjunatheswara institute of Technology, Ujire	18th May 2018

### CAYm3 (2016-2017)

A. Events within the state	B. Events outside the state	C. Prizes/awards received in such events
2	1	1

**Event Details of students for the year 2016-2017**

<b>Sl.No.</b>	<b>Name of the Students</b>	<b>Event details</b>	<b>Organized by</b>	<b>Date</b>	<b>Award/Participated</b>
1	P.M.ROHITH BABU	ISTE Karnataka section	JSSATE ,Bengaluru	25th Aug 2016	Best Student Award
2	SANKETH S HIREMATH	TECHNOCRAT'17	CITY ENGINEERING COLLAGE ,Bangalore	09 <sup>th</sup> May 2017	Participated

**Publication details of students for the year 2016-2017**

<b>SL. No</b>	<b>Name of the Students</b>	<b>Title of paper</b>	<b>Publication details</b>	<b>Date</b>
1	Dileep kumar N	A Smart robotic vehicle to survey the ocean	National conference on advanced & recent trends in Electronics and Communication Engineering,SKIT ,Bangalore	28 <sup>th</sup> April, 2017
	Mohan kumar P			
	Bharath R			
	Nagarjun J			